Work Ord Thursday, April				*100) <u>09</u> 0*		. 1 27832			Page 1
Item ID: Revision ID: Item Name: Start Date: Required Date:	D4002-7 Hose Assemb 4/18/2013 : 5/3/2013	ly Start Qty: 6.0 Req'd Qty: 6.0	10 *6*	Accept	*N900040 Cust Item ID: Customer:	100	* 8	Setup Star Stop	1.71	S1* S2*
Reference: Approvals:	Process Pla	an: WC	Date: 13 -4-18 Date:	_	Date:		F	Run Star Stop	I <i>N</i>	R1* R2*
Sequence ID/ Work Center I Draw Nbr		Operation Description		Set Up/ Run Hours	Too! ID Tool #		Accept Qty	Reject Qty	Reject Number	Insp. Stamp
D4002 100 *100*	D	ASION INDI		0.00						
Purchasing Purchasing		Purcha Part #: Possibl	/O: /94/8 se part as per Dwg D4002 156005-6D-0213 e Supplier: Aviall / API al release note required	0.00		-		f4	P [5-0	14-11

0.00

0.00

Receive & Inspect for Damage & Mat'l Certs

Memo

110

110 Packaging

Packaging

									DQA:	Date:	
NCR: Y	es / No				WORK ORDER NON-C	CONF	ORN	MANCE / UPDATE		. .	<u>r</u>
									QA Closed:	Date:	
Work Orde	, <u>ř</u> .				DISPOSITION	ı		AGAINST D	PARTMENT	/PROCESS	* .
Part N	lo.				Rework Scrap Use-as-is Work Order Update	T	herm	Skid-tube Crosstube Small Fab Finishing Composite	-1	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root				Descri	ption of work order update	Init	ial	Action	Sign &		
Cause	Date	Step	Qty		or Non-conformance	Chief	Eng	Description	Date	Verification	QC Inspector
Doc/Data										-	
Equip/Tooling						1			:		
Operator		ļ									
Material		1								:	
Setup											
Other			ļ				,				
Process											
Supplier											
Training		ļ									
Unapproved		<u> </u>	<u> </u>	l							<u> </u>
					F	AULT C	CATE	GORY			
Landir	ng Gear				General			_	7		
,	Bending			<u> </u>	Bend	∐ Gr	ain		Ovalized		Pressure/Forced
	Centre N	ot Conce	ntric to	o/s	BOM/Route	\mathbf{H}	ırdwa	⊢	Over/Under	 	Temperature/Cure
	Cracks			<u> </u>	Broken/Damaged	-	•	on Incomplete	Part Incorred		Weld
	Crushed/	Crimped		L	Burrs	——		ions Incomplete/Unclear	Part Lost/Mi	ssing	Wrong Stock Pulled
	Cuffs				Contamination	Шм.	ainte	nance	Part Moved		
	Heat Trea	at			Countersink	Mi	islabe	led	Positioned V	Vrong	

Misread

Out of Calibration

Out of Sequence

Outside Dimensions

Offset

Other

Power Loss/Surge

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Inspection Strip in Tube

Torque Waves in Extrusion

Cut Too Short Drill Holes

Drawing

Finish

Folio

0.00

0.00

140

OC

Quality Control

QC21- Final Inspection - Work Order Release

Memo

13/4/25 4

13-04-24

NCR:	Yes	No
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DQA: _____ Date:

NCR: / Y	es No				WORK ORDER NON-	CONFOR	MANCE / UPI	DATE			A.
Ç							•		QA Closed:	Date	:
Work Orde	r: 10 o. <u>D</u> 4,	000	10		DISPOSITION Rework]	Skid-tube	AGAINST DE]	Water Jet	Engineering
Part N	0. <u> 14 (</u>	၁७2	<u>-1+</u>		Scrap	_	Machining	Small Fab	4	d. Eng. Coor.	⊣ `⊨ I
			•		Use-as-is	I	moforming	Finishing	Rec/Stor	e/Packaging	Other
NCR N	o				Work Order Update Y	<u> </u>	Large Fab	Composite]	Supplier	_
Root		1	T	Descr	iption of work order update	Initial	T Act	tion	Sign &		
Cause	Date	Step	Qty	1	•	Chief En	1	ription	Date	Verification	QC Inspector
	X	1 July	 		or Non-conformance		5	<u> </u>	0/11		- School -
quip/Tooling		ļ	10	MSAALL	labes on Per Dus.				3/14/24		
Operator							<u> </u>			. 1	
Material		b							2A2	MM	
Setup	79 20/29	121	10	QC5	enspect work				0AS 27	1812	
Other		1101	12			 			12 11 00	4.3	
Process		122			V				134,04	$^{\prime}$ $^{\prime}$ $^{\prime}$ $^{\prime}$ $^{\prime}$ $^{\prime}$	
Supplier										\ 1	
Training [l									
Jnapproved			<u> </u>								
					<u> </u>	AULT CAT	EGORY				
Landin	g Gear				General			_	7		_
Ĺ	Bending			<u> </u>	Bend	Grain		<u> </u>	Ovalized		Pressure/Forced
1	Centre N	lot Conce	ntric to	O/S	BOM/Route	Hardw	<i>r</i> are	L	Over/Under	tolerance	Temperature/Cure
	Cracks				Broken/Damaged	—	tion Incomplete		Part Incorred		Weld
	Crushed,	/Crimped			Burrs	Instru	ctions Incomplete/U	Jnclear	Part Lost/Mi	ssing	Wrong Stock Pulled
	Cuffs				Contamination	Main	tenance		Part Moved		
ļ	Heat Tre	at			Countersink	Mislat			Positioned V	· -	ا ا
	Inspection	on Strip ir	1 Tube	L	Cut Too Short	Misre	ad	L	Power Loss/	Surge	Other
Į	Ripples i	n Bend		<u></u>	Drill Holes	Offset			2.C. w.	orle onle	
	Torque \	Waves in	Extrusio	n L	Drawing	Out of	f Calibration		स्तार्ट्सव	castes (corretly.
	Turning	Sequence	2		Finish	Out of	f Sequence				/
	Wave/T	wist in Tu	be		Folio	Outsic	de Dimensions				

Page 1

Work Order ID:

100090

Parent Item:

D4002-7

Parent Item Name:

Hose Assembly

Start Date: 4/18/2013

Required Date: 5/3/2013

Start Qty: 6.00

Required Qty: 6.00

Comments:

IPP rev A 09.12.23 new Issue Prelim EC verified by: DD IPP rev B 10.05.13 ecn10-562 EC verified by: DD

	EC verified by:DI	,											
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
156005-6D0213 Hose Assembly		Purchased	No			110	Each	0.0000	1	5	10/2	13/4	/21
D2729-1 Dart Logo label	. •	Manufactured	No			130	Each	0,0000	0		1/3/3	1041	24
D2182-045 Heat Shrink 4.5" Long		Manufactured	No			130	Fach	0.0000	1	6/	PX	12/0	4/34
						(100	-O2	الوائد المقطعية عند المتواقع ا المتواقع المتواقع ال	ے. ۔۔۔۔۔	1		1
							B260	01					

												DQA:	Da	ate:) _{(E.}
NCR: \	/es	/ No				WORK ORDER NON-O	100	NFORI	MANCE / UP	PDATE					1 4
		•										QA Closed:	Da	ate:	
Work Orde	\.÷.					DISPOSITION				AGAINST	DE	PARTMENT	/PROCESS		
Work Orde	-					Rework	1		Skid-tube	Crosstube	—	1	Water Jet		Engineering
Part N	lo.					Scrap	1	1	Machining	Small Fab	_	Pro	d. Eng. Coor.	\vdash	Quality
, 4.0.	•				•	Use-as-is	1		noforming	Finishing		4	re/Packaging	\vdash	Other
NCR N	lo.					Work Order Update	1		Large Fab	Composite			Supplier	·	
								<u> </u>							
Root	١					ption of work order update		Initial		ction		Sign &			
Cause	_	Date	Step	Qty		or Non-conformance	Ch	nief Eng	Desc	cription		Date	Verification	'n	QC Inspector
Doc/Data							1								
Equip/Tooling							l								
Operator		i													-
Material]					٠						
Setup							1								
Other							l								
Process															
Supplier				ļ											
Training															
Unapproved															
						F	AUL	LT CATE	GORY						
Landi	ng G	Gear				General		-		,	_	-		_	1
		Bending				Bend	L	Grain				Ovalized			Pressure/Forced
		Centre No	ot Concei	ntric to	o/s	BOM/Route		Hardwa	re			Over/Under	tolerance		Temperature/Cure
		Cracks				Broken/Damaged		Inspect	on Incomplete		_	Part Incorre	ct	\vdash	Weld
		Crushed/	Crimped			Burrs		Instruct	ions Incomplete,	/Unclear		Part Lost/Mi	ssing		Wrong Stock Pulled
		Cuffs				Contamination		Mainte	nance			Part Moved			

Mislabeled

Out of Calibration

Out of Sequence

Outside Dimensions

Misread

Offset

Positioned Wrong

Power Loss/Surge

Other

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Heat Treat

Inspection Strip in Tube

Torque Waves in Extrusion

Countersink

Cut Too Short

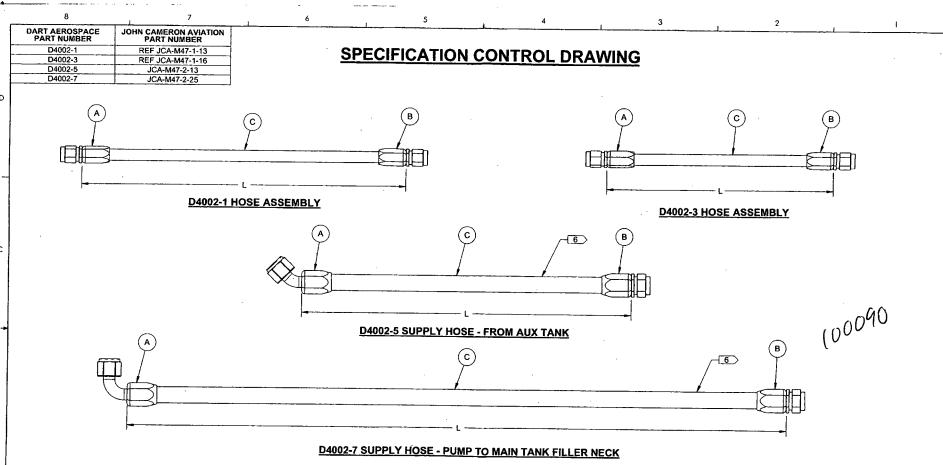
Drill Holes

Drawing

Finish

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G



DART PART NUMBER	STRATOFLEX PART NUMBER	POSSIBLE VENDOR	LENGTH	END FITTING	END FITTING	HOSE "C"	WEIGHT
D4002-1	156001-3S-0185	AVIALL/API	17.90	676-3S	676-3S	156-3	0.16 lbs
D4002-3	156001-3S-0154	AVIALL/API	14.76	676-3S	676-3S	156-3	0.16 lbs
D4002-5	156003-6D-0102	AVIALL/API	8.94	678-6D	676-6D	156-6	
D4002-7	156005-6D-0213	AVIALL/API	20.31	680-6D	676-6D	156-6	0.13 lbs 0.19 lbs



С

В

NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED

4) UNITS: INCHES DILESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: IDENTIFY WITH DART P/N AND B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
7) WEIGHT: SEE TABLE

DESIGN	6 5	DART AEROSPAC	CELTD
DRAWN	DC	HAWKESBURY, ONTARIO,	
CHECKED	8	DRAWING NO.	REV. D
MFG. APPR.	B	□ D4002	SHEET 2 OF 2
APPROVED	149	TITLE	SCALE
DE APPR.	9	HOSE ASSEMBLY	NTS
DATE 11.1	0.06	COPYRIGHT © 2010 BY DART AER THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON INCIT TO BE USED FOR MAY PURPOSE OR COMPLICATION WIGHTEN PURPOSE ON COMPLY SHOWS AND ASSESSED.	TO ANY OTHER PERSON WITHOUT

2

DQA:	 Date:	

OA Closed: Date: **AGAINST DEPARTMENT/PROCESS DISPOSITION** Work Order: Engineering Crosstube Skid-tube Water Jet Rework Quality Machining Prod. Eng. Coor. Small Fab Part No. Scrap Thermoforming Finishing Rec/Store/Packaging Other Use-as-is NCR No. Supplier Work Order Update Large Fab Composite Description of work order update Initial Action Sign & Root Description Date Verification QC Inspector or Non-conformance Chief Eng Date Step Qty Cause Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved **FAULT CATEGORY Landing Gear** General Pressure/Forced Grain Ovalized Bend Bending Temperature/Cure BOM/Route Over/Under tolerance Hardware Centre Not Concentric to O/S Broken/Damaged Part Incorrect Weld Cracks Inspection Incomplete Wrong Stock Pulled Crushed/Crimped. Instructions Incomplete/Unclear Part Lost/Missing Burrs Cuffs Contamination Maintenance Part Moved Heat Treat Countersink Mislabeled Positioned Wrong Power Loss/Surge Other **Cut Too Short** Misread Inspection Strip in Tube Offset Drill Holes Ripples in Bend Drawing Out of Calibration Torque Waves in Extrusion Turning Sequence Finish Out of Sequence Folio Wave/Twist in Tube **Outside Dimensions**

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

NCR:

Yes / No



3

Change Nbr:

Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7

Tel: 613 632 9577 Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO19618

Purchase Order Date 4/18/2013 PO Print Date 4/18/2013

Page Number 1 of 2

Certification required - YES

		VU-A	3/1003				
Order From : AVIALL PO BOX 84	2275	vu-A					
DALLAS, T USA	X 75284-2275			<u> </u>	C-1-1		
Contact Name Vendor Phone Vendor Fax Vendor Accou	905-676-90			tion Nbr sale Nbr Ne cy US	gitte Golden 127-2607 t 30 GD estination-Collect		
Ship To:	DART AEROSPAC	ELTD 1270 ABERDEI HAWKESBURY CANADA	EN Y, ON K6A 1K	7	写鱼	% 50)_	
2000	ference vision ID	Description/ Mfg ID	Req Date/ Taxable Us	Req Qty/ Sinit of Measure	hip Method	Unit Price	Extended Price
1 193-6	ndor Part Number	Stratoflex	4/25/2013 Yes	10.00	FedEx PI collect	\$6.0800	\$60.80
2 193-8		Special Inst: Stratoflex	4/25/2013 Yes	clas	FedEx PI collect	\$10.4200 3/4/19	\$104.20
3 15600	03-6D0102	Special Inst: Hose Assembly	10 PCS OF 24" 4/25/2013 Yes	139000 98 10.00 Each	FedEx PI collect	\$125.1900	\$1,251.90
		Special Inst:	PER DWG: D40 REV: D B100089	02			0.445.20
4 1560	005-6D0213	Hose Assembly	4/25/2013 Yes	10.00 Each	FedEx PI collect	\$144.5300	\$1,445.30
					consent. Certifica	titution or deviati	or Material

Change Date: 4/18/2013



ORDER NUMBER: 0013415191-

ORDER DATE: 04/18/13

DART AEROSPACE LTD

1270 ABERDEEN STREET

CUST@MER P.O.: 19618

032028

HAWKESBURY

CANADA

В

PROFORMA INVOICE

S

DART AEROSPACE LTD

P 1270 ABERDEEN STREET

HAWKESBURY

O CANADA

78575

ON K6A 1K7

SHIPMENT NBR:

PAGE: DATE: 04/19/13

TIME: 13:36 EMP#: 22611

ORD TYP: RG

CURRENCY: USD

SHIP VIA: FED P1AM - COLLECT

41270

AVIALL DALLAS HOSE SHOP

AVIALL

HOSE SHOP

2755 REGENT BLVD

0 DFW AIRPORT TX 75261-9048

U.S.A.

					0.5.4.	
LINE	MFG ITEM DESCRIPTION	ORDER S QUANTITY QUA	SHIP ANTITY BACK ORDE	R UOM	UNIT PRICE	EXTENDED UNIT PRICE
	PLEASE SHIP FEDEX P1 ON CUSTOM NUMBER 1517-9324-0, AWB# MUST THE PURCHASE ORDER NUMBER, SHI ATTN OF CHANTAL 613-632-9577	REFERENCE				
1	1S 156003-6D0102 HOSE: MED PRESSURE, RUBBER REIN ST, REF:	10	10	0 EA	125.19	1,251.90
	Schedule B: 4009.22.0050		ECCN: 9A991.d			
	LOT 51251951 EA Country of Origin: U.S.A.		10			
2	15 156005-6D0213 HOSE: MED PRESSURE, RUBBER REIN ST, REF:) 10	10	0 EA	144.53	1,445.30
	Schedule B: 4009.22.0050		ECCN: 9A991.d			·
\	LOT 51251952 EA Country of Origin: U.S.A.		10			
***	** These commodities, technologies, or software were exported from the United ** States in accordance with the Export Administration Regulations. Diversion				d ***	

***	* contrary to U.S Law is prohibi	ted.			***	

ON K6A 1K7

Aviall is not providing OEM parts. Aviall is an authorized Stratoflex distributor providing TSO

CERTIFICATE OF CONFORMANCE

It is hereby certified that Aviall Services, Inc., is an approved distributor and meets all requirements of ISO9001, AS9100, AS9120 and AC 00-56 at 2750 Regent Blvd. DFW Airport, Texas. The products, articles or parts referenced on this document are in new or overhauled condition and were purchased from an approved source (FAA, EASA, TCCA, Mil Spec or Commercial). The Original Manufacturers'

Certifications are maintained on file at our central office location, and copies are available upon request or at Aviall.com. For overhauled or repaired products, articles or parts, the original FAA 8130-3 / EASA

ENTRY I (REPUIS to Sequence) or Valley To from the EAA/IAA/EASA approved for Approved to the composite to the compos Form 1 (Return to Service) or Yellow Tag, from the FAA/JAA/EASA approved Air Agency are attached to the component. VSTIN.

04/19/13

MERCHANDISE SUBJECT TO HANDLING FEE. THIS IS TO CERTIFY THAT AVIALL HAS COMPLIED WITH THE PROVISIONS OF THE FAIR LABOR STANDARDS ACT OF 1938 AMENDED.

CUSTOMER ORIGINAL

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL. ALL RETURNED

AV18 R5-06

JR Hofmann, Director, Quality Assurance & Training

Date